

ABSTRACT OF THE DISCLOSURE

A multiple band transmitter including first and second transmit amplifier paths, where the first transmit amplifier path conducts a first transmit signal at a first frequency band and the second transmit amplifier path conducts a second transmit signal at a second frequency band. The second transmit amplifier path includes an amplifier that generates the second transmit signal along with a harmonic frequency within a passband of the first transmit amplifier path. The second transmit amplifier path further includes a trap circuit that shunts the harmonic frequency away from the first transmit amplifier path.